

## 4607# (C15 acetogenin)

Name: Maneonene F (**Artifact**) }

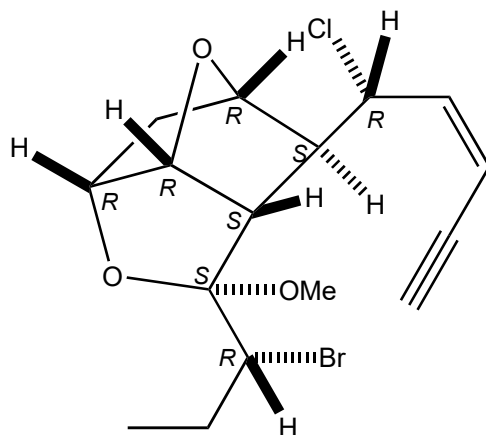
Origin: *Laurencia majuscula* (the coral reef in the Red Sea, Hurghada, Egypt)<sup>(1)</sup>;

Formula: C<sub>16</sub>H<sub>20</sub>BrClO<sub>3</sub>

Mol. Wt.: 375.69

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> +0.98 (CHCl<sub>3</sub>)

Mp.: White amorphous solid



### References and Notes

(1) Tammam, M. A., Daskalaki, M. G., Tsoureas, N., Kolliniati, O., Mahdy, A., Kampranis, S. C., Tsatsanis, C., Roussis, V., and Ioannou, E. 2023. Mar. Drugs, **21**, (2) 79. Secondary metabolites with anti-inflammatory activity from *Laurencia majuscula* collected in the Red Sea.

(X-ray crystallographic analysis) (UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR)

(together with [maneonene F](#), maneonene G, maneonene H, *cis*-maneonene D, 9-acetoxy-6-bromo-7,10-epoxypentadec-3-en-1-yne, isolaurene, 4-oxoisolaurene, 15-bromoisolaurene, isolauraldehyde, 2,3-epoxy-15-hydroxydihydroisolaurene, 2,3-epoxydihydroisolaurene, laur-2-ene-3,12-diol, cuparene-3,12-diol, 2,3-dioxo-15-hydroxy-*seco*-laurene, β-snyderol, 2,10-dibromo-3-chloro-α-chamigrene, laurecomin C, compositacin A, laurokamin A, aristol-9-en-1α-ol, kahukene B, (2*Z*)-2-chloro-pentadec-2-enal)